PCI® Dead Shaft Assemblies are designed to maximize conveyor pulley life by eliminating the risk of failure from end disk fatigue while increasing the pulley’s overall capacity.

**Increased Shaft Capacity**: Mounting the bearings to the pulley allows the shaft to remain in a fixed position while in operation. Keeping the shaft in a fixed, non-rotating position eliminates the risk of bending fatigue associated with traditional live shaft assemblies. This design change increases the capacity of the pulley assembly.

**Eliminates Risk of End Disk Fatigue**: PCI Dead Shaft Assemblies utilize SKF® self-aligning spherical roller bearing units which absorb any bending that may occur in the shaft. This self-aligning feature eliminates the transfer of shaft bending into the end disks, eliminating the risk of end disk fatigue.

**Bolt-In Replacement for Pillow Block Mounted Units**: PCI welded steel Dead Shaft pedestals are available in two styles, designed as drop-in replacements for standard Medium Duty Ball Bearing, Spherical and Type E Pillow Block bearing units.